

1 36698/JFO/B600

APPARATUS FOR ETHERNET
PHY/MAC COMMUNICATION

5

ABSTRACT OF THE DISCLOSURE

10 An integrated Ethernet PHY/MAC apparatus having a single
link partner capability register shared between a PHY and a
corresponding MAC, which implements IEEE Standard 302.3,
including IEEE Standards 802.3u and 802.3x. Apparatus also
includes plural PHYs, each having a corresponding MAC integrably
coupled therewith such that an integrated multi-port Ethernet
device is realized. A network consists of at least one integrated
Ethernet PHY/MAC device having a single link partner capability
15 register.

20

JFO/11b

25

LLB IRV1034537.1--*-3/31/00 1:39 PM

30

35